

Proposal Full View

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Applicant Information

Organization Name Central Sierra Resource Conservation and Development, Inc. - *

Tax ID **421586576**

Proposal Name Inyo-Mono IRWMP Round 1 Project Implementation Application *

Proposal Objective The objective of this application is to begin to implement the Inyo-Mono Integrated Regional Water Management Plan and projects that address priority needs within the region, including disadvantaged communities, improved water supply reliability, and water quality, consistent with the State Water Plan 2009 and the Inyo-Mono IRWM Plan itself. *

Budget

Other Contribution	\$0.00
Local Contribution	\$613,518.00
Federal Contribution	\$0.00
Inkind Contribution	\$786,891.00
Amount Requested	\$4,299,858.00 *
Total Project Cost	\$5,700,267.00 *

Geographic Information

Latitude * DD(+/-) MM SS

Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification This point is near the center of the planning region

County San Bernardino,Inyo,Kern (portion of),Mono *

Ground Water Basin Owens Valley,Owl Lake Valley,Pahrump Valley,Panamint Valley,Pilot Knob Valley,Race Track Valley,Red Pass Valley,Rhodes Hill Area,Riggs Valley,Rose Valley,Saline Valley,Salt Wells Valley,Santa Rosa Flat,Searles Valley,Silver Lake Valley,Slinkard Valley,Spring Canyon Valley,Superior Valley,Sweetwater Flat,Upper Kingston Valley,Wild Horse Mesa Area,Wildrose Canyon,Wingate Valley,Adobe Lake Valley,Antelope Valley,Avawatz Valley,Bicycle Valley,Black Springs Valley,Bridgeport Valley,Brown Mountain Valley,Butte Valley,Cactus Flat,California Valley,Cameo Area,Coles Flat,Coso Valley,Cottonwood Spring Area,Cronise Valley,Cuddeback Valley,Darwin Valley,Death Valley,Deep Springs Valley,Denning Spring Valley,Eureka Valley,Fish Lake Valley,Fremont Valley,Gold Valley,Grass Valley,Greenwater Valley,Harrisburg Flats,Hidden Valley,Indian Wells Valley,Ivanpah Valley,Kelso Lander Valley,Leach Valley,Lee Flat,Little Antelope Valley,Long Valley,Lost Lake Valley,Lower Kingston Valley,Marble Canyon Area,Mesquite Valley,Middle Amargosa Valley,Middle Park Canyon,Mono Valley

Hydrologic Region North Lahontan,South Lahontan

Watershed Our planning region encompasses 19 watersheds based on CalWater designation. Please see individual projects for specific watersheds affected in this proposal.

Legislative Information

Assembly District 18th Assembly District,25th Assembly District,32nd Assembly District,34th Assembly District *

Senate District 1st Senate District,18th Senate District *

US Congressional District District 22 (CA),District 25 (CA) *

Project Information

Project Benefits Information

Project Name Pump Operation Redundancy and SCADA Imp

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Emergency Response	0	Installation of redundant auto-dialers, pressure switches and transducers, resulting in fewer low water events and fewer water outages.
	Emergency		Will result in increased water storage

Secondary	Response	0	to be used for fire suppression due to off-peak pumping.
Tertiary	Other-Improved Water Supply Facilities	1.40	Adding communications line at Laws to increase water system SCADA monitoring.
Quaternary	Climate Change Impacts	0	Off-peak pumping generates fewer greenhouse gas emissions.

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	20500
Amount Requested	62600
Total Project Cost	83100

Geographic Information

Latitude DD(+/-)	36	MM 48	SS 13
Longitude DD(+/-)	-118	MM 11	SS 56
Longitude/Latitude Clarification	Coordinates are for	Location	Inyo County Public Works 168 N. Ed
County	Inyo		
Ground Water Basin	Owens Valley		
Hydrologic Region	South Lahontan		
WaterShed	9603 - Owens		

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name Safe Drinking Water and Fire Water Supply Fe

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Feasibility Studies -- Flood Control/Water Supply	0	This proposal is to conduct a feasibility study of providing safe drinking water and establishing fire flow water storage facilities in each of the communities.
Secondary	Emergency Response	0	The study will identify a location in each community for an above ground water storage tank for fire flow that would best serve the community and identify the type of storage tanks that should be used.
Tertiary	Water Storage -- Groundwater-Water Quality Improvement	2	If a construction project results from the feasibility study, the benefit will be to supply potable drinking water to these disadvantaged communities in place of the currently available water supply which does not meet the State's safe drinking water standards for dissolved solids such as fluoride and arsenic.
Quaternary	Other-New Water Supply Facilities	0.01	If a construction project results from the feasibility study, the benefit will be to supply potable drinking water to these disadvantaged communities in place of the currently available water supply which does not meet the State's safe drinking water standards for dissolved solids such as fluoride and arsenic.
	Water Storage -- Groundwater-		If a construction project results from the feasibility study, the benefit will be to provide storage tanks and water

Quniary	Water Supply Enhancement	1	to fill the tanks to increase the ability of the local fire district to control structure and wildland fires.
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Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	1000
Amount Requested	66435
Total Project Cost	67435

Geographic Information

Latitude DD(+/-)	35	MM 50	SS 54
Longitude DD(+/-)	-116	MM 13	SS 35
Longitude/Latitude Clarification		Location	Tecopa and Tecopa Ho
County	Inyo		
Ground Water Basin	Death Valley,Middle Amargosa Valley		
Hydrologic Region	South Lahontan		
WaterShed	9609 Amargosa		

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name	Coleville High School Water Project		
Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Storage -- Groundwater-Water Quality Improvement	4.80	Water quality improvement will be achieved by the use of an ion exchange treatment system to remove the uranium in the well water. Treated water will be stored in additional storage tanks.

Budget

Other Contribution	0
Local Contribution	221890
Federal Contribution	0
Inkind Contribution	35000
Amount Requested	621945
Total Project Cost	878835

Geographic Information

Latitude DD(+/-)	38	MM 34	SS 8
Longitude DD(+/-)	-119	MM 30	SS 38
Longitude/Latitude Clarification		Location	111591 Hwy. 395, Cole
County	Mono		
Ground Water Basin	Antelope Valley		
Hydrologic Region	North Lahontan		
WaterShed	8631 West Walker River		

Legislative Information

Assembly District	25th Assembly District
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Senate District		1st Senate District	
US Congressional District		District 25 (CA)	

Project Information

Project Benefits Information

Project Name

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Other-New Water Supply Facilities	0.01	The Hilltop area is currently serviced by a 55-year old artesian well that is very distant from the community and is becoming increasingly unreliable, having suffered a complete outage for a period this year. This project is to construct a new groundwater well that will provide an in-community supply with greatly improved reliability. A water source of 10 or more gallons per minute is being sought. This will provide ample supply for the community based upon past usage.

Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="36100"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="26000"/>
Amount Requested	<input type="text" value="57000"/>
Total Project Cost	<input type="text" value="119100"/>

Geographic Information

Latitude DD(+/-) MM 30

Longitude DD(+/-) MM 38

Longitude/Latitude Clarification Location

County	Mono
Ground Water Basin	Owens Valley
Hydrologic Region	South Lahontan
WaterShed	9603 Owens

Legislative Information

Assembly District	25th Assembly District
Senate District	1st Senate District
US Congressional District	District 25 (CA)

Project Information

Project Benefits Information

Project Name

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Management Plans-Stormwater	0	Stormwater Master Plan will allow for proactive management of stormwater that will protect infrastructure by prioritizing capital improvement projects
Secondary	Management Plans-Flood	0	Stormwater Master Plan will ensure that previous, current, and future policies, programs, and projects will reduce flooding
Tertiary	Management Plans-Other	0	Stormwater Master Plan will provide guidance to reduce non-point pollution through infiltration, BMP's, and erosion control
Quaternary	Management Plans-Other	0	Stormwater Master plan will provide guidance for habitat conservation and restoration

Quniary	Management Plans-Other	0	Stormwater Master Plan will allow the Town to seamlessly integrate any future stormwater or water quality direction provided by the EPA and IRWQCB
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Budget

Other Contribution	0
Local Contribution	34000
Federal Contribution	0
Inkind Contribution	105960
Amount Requested	418250
Total Project Cost	558210

Geographic Information

Latitude DD(+/-)	37	MM 38	SS 55
Longitude DD(+/-)	-118	MM 58	SS 19
Longitude/Latitude Clarification	Center of Project A	Location	Project will be limited to the boundar
County	Mono		
Ground Water Basin	Long Valley		
Hydrologic Region	South Lahontan		
WaterShed	9601 - Mono		

Legislative Information

Assembly District	25th Assembly District
Senate District	1st Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name

Brackish Water Resource Study

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Desalination-Water Supply Enhancement	4500	Desalination of brackish groundwater could be a viable supplemental source of potable water for the Indian Wells Valley. Since groundwater is the only source of fresh water in the valley, optimization of this local resource could significantly delay the importation of water. At this time, no water purveyor in the IWV has access to imported water.
Secondary	Groundwater Management-Geophysical tests performed	0	As part of this study, geophysical tests will be performed to address data gaps in the valley regarding the subsurface geology. This data will be processed and modeled to further define the subsurface geology and potential zones of brackish water within the IWV.
Tertiary	Modeling-Groundwater modeling developed or improved	0	Information gained from this study will be used to further refine and improve the local groundwater flow model.
Quaternary	Management Plans-Groundwater	0	All water purveyors in the Indian Wells Valley rely 100% on groundwater for their potable water supply. The residents of the IWV formed a Cooperative Groundwater Management Group in 1995 and signed a Cooperative Groundwater Management Plan. This plan has been updated several times since its inception and this study will assist the Group in creating an updated plan that includes the use of brackish groundwater for potable use with benefits for the entire IWV.

Budget

Other Contribution	0
Local Contribution	187630
Federal Contribution	0
Inkind Contribution	14860
Amount Requested	202490
Total Project Cost	404980

Geographic Information

Latitude DD(+/-)	35	MM 38	SS 58
Longitude DD(+/-)	-117	MM 44	SS 14
Longitude/Latitude Clarification		Location	Ridgecrest
County	San Bernardino,Kern		
Ground Water Basin	Indian Wells Valley		
Hydrologic Region	South Lahontan		
WaterShed	N/A		

Legislative Information

Assembly District	32nd Assembly District
Senate District	18th Senate District
US Congressional District	District 22 (CA),District 25 (CA)

Project Information**Project Benefits Information**

Project Name	Laws and Lone Pine Tank Project		
Project Benefit Type	Benefit Type	Measurement	Description
Primary	Other-Improved Water Supply Facilities	0.50	Water supply storage and pressure will be achieved by: (1) Installing a 10,000 gallon hydropneumatic tank in the community of Laws, and (2) Rehabilitating the existing storage tank at Lone Pine.

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	94800
Amount Requested	334000
Total Project Cost	428800

Geographic Information

Latitude DD(+/-)	37	MM 24	SS 3
Longitude DD(+/-)	-118	MM 20	SS 44
Longitude/Latitude Clarification	Coordinates of Laws, C	Location	168 N. Edwards St, Indi
County	Inyo		
Ground Water Basin	Owens Valley		
Hydrologic Region	South Lahontan		
WaterShed	9603 - Owens		

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 25 (CA)

Project Information

Project Benefits Information

Project Name

Round Valley Joint Elementary School's water

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Other-Improved Water Supply Facilities	0.01	A second well will be drilled and the existing breached well casing will be relined to increase the reliability of the schools' water supply.
Secondary	Other-New Water Supply Facilities	0.01	In addition to the existing domestic system, a nearby irrigation ditch will be altered to provide for ease of drafting by the local fire agency if a fire emergency occurs.
Tertiary	Water Storage -- Groundwater-Water Supply Enhancement	5	A tank will be added to the system that will store approximately one day of water use.
Quaternary	Emergency Response	0	Presently the school has virtually no water available for fire protection. A nearby irrigation ditch will be altered to provide ease of drafting by the local fire agency. Additionally, the school is designated as an evacuation center for the area. The proposed project will allow for water to be available at the school even during a power outage.
Quinary	Other-Water quality in general	0	With the history of water outages in the school, reducing water outages will reduce the potential of bacteria contamination that may result from low pressure in the system during outages.

Budget

Other Contribution	0
Local Contribution	13650
Federal Contribution	0
Inkind Contribution	13650
Amount Requested	83800
Total Project Cost	111100

Geographic Information

Latitude DD(+/-)	37	MM 25	SS 7
Longitude DD(+/-)	-118	MM 35	SS 9
Longitude/Latitude Clarification		Location	300 North Round Valley

County	Inyo
Ground Water Basin	Owens Valley
Hydrologic Region	South Lahontan
WaterShed	9603 - Owens

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name

Well Rehabilitation (Phase I)

Project Benefit Type	Benefit Type	Measurement	Description
	Water and		The District would like to determine whether isolating specific aquifer levels within key wells will reduce the contaminant level inputs from those geologic layers, while maintaining

Primary	Sediment Quality-Other	0	overall yield from the well. The results of the well profiling will confirm whether the water quality can be improved by sealing off sections that contribute the highest contaminant loading.
Secondary	Management Plans-Groundwater	0	Because the District relies on groundwater for up to 75% of its supply during drought conditions, the reduction in groundwater supply due to inability to treat to standards and reduced yields has a significant negative impact on overall water supply reliability. This study will help the District create a more reliable plan for the drought conditions.
Tertiary	Modeling-Groundwater modeling developed or improved	0	The information gained from the study can be directly applied to the Districts existing groundwater model in order to improve the model.
Quaternary	Groundwater Management-Other	0	Because the District relies on groundwater for up to 75% of its supply during drought conditions, the reduction in groundwater supply due to inability to treat to standards and reduced yields has a significant negative impact on overall water supply reliability. This study will help the District create a more reliable plan for drought conditions.
Quinary	Other-Pilot Projects	0	The vendor and hydrogeologist used to conduct the well profiling and pump testing will provide a report on the results of the study. The ultimate deliverable will be installation of the blank screen sections and modified pump VFD settings. This project will benefit other water providers by providing an opportunity to use the District's study as a case study for their systems.
Septary	Groundwater Management-Flow measurements performed	0	The District will get flow measurements for both wells in gallons per minute. The percentage of flow from the different aquifers within the wells will be determined as well.

Budget

Other Contribution	0
Local Contribution	12000
Federal Contribution	0
Inkind Contribution	53000
Amount Requested	200000
Total Project Cost	265000

Geographic Information

Latitude DD(+/-)	37	MM 38	SS 35
Longitude DD(+/-)	-118	MM 58	SS 54
Longitude/Latitude Clarification	<input type="checkbox"/> Location Well #17 is located on Minaret Rd, Mammoth Lakes, California 93546; W		

County	Mono
Ground Water Basin	Long Valley
Hydrologic Region	South Lahontan
WaterShed	9603 Owens

Legislative Information

Assembly District	25th Assembly District
Senate District	1st Senate District
US Congressional District	District 25 (CA)

Project Information

Project Benefits Information

Project Name

CSA-2 Sewer System Upgrade Project

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Watershed Protection-Streams or shoreline protected	0.50	Reduced potential for spillage on the adjacent land or creek.
Secondary	Watershed Protection-Land Protected	250	Reduced potential for spillage on the adjacent land or creek.
Tertiary	Ecosystem: Riparian Habitat	40	Reduced potential for spillage on the adjacent land or creek.
Quaternary	Watershed Protection-Water Quality Improvement	50	Reduction of sewage seepage and spillage from existing mains.
Quinary	Climate Change Impacts	0	Reduction of greenhouse gas emissions due to reduced flow at the plant.
Septary	Fisheries	0	Reduced potential for spillage on the adjacent land or creek.

Budget

Other Contribution

0

Local Contribution

91800

Federal Contribution

0

Inkind Contribution

30600

Amount Requested

366700

Total Project Cost

489100

Geographic Information

Latitude DD(+/-)

37

MM 14

SS 14

Longitude DD(+/-)

-118

MM 35

SS 50

Longitude/Latitude Clarification

Location

Near the intersection of State R

County	Inyo
Ground Water Basin	Owens Valley
Hydrologic Region	South Lahontan
WaterShed	9603 - Owens

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name

Secondary Water Tank Construction Project - I

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Storage - Groundwater-Water Supply Enhancement	11	Construction of a 45,000 gallon secondary water tank adjacent to the existing tank will provide water storage for domestic use by the District while the primary water storage tank is drained and the bolts replaced.
Secondary	Water Use Efficiency - Best Mgt. Practices-Other	0	The District's wells are not located in a groundwater basin and recharge of the wells occurs on a cyclical basis. An additional tank would allow supplemental water storage during periods when the recharge level is high, causing less stress on the water table, less electrical use, and prolonged well and

			pump life.
Tertiary	Emergency Response	0	A secondary water tank will provide additional water for emergency use by the three fire fighting agencies which tap into the District's fire hydrant system to combat domestic fires in the Sunny Slopes, Pine Glade and Rock Creek area (a total of approximately 100 homes and the historic Tom's Place restaurant, store and lodge), vehicle fires on adjacent Highway 395 and wildfires in the surrounding Forest Service campgrounds located over a ten mile stretch of Rock Creek canyon.

Budget

Other Contribution	0
Local Contribution	16448
Federal Contribution	0
Inkind Contribution	8663
Amount Requested	75788
Total Project Cost	100899

Geographic Information

Latitude DD(+/-)	37	MM 34	SS 10
Longitude DD(+/-)	-118	MM 40	SS 50
Longitude/Latitude Clarification		Location	Pump house is approximately one mile

County	Mono
Ground Water Basin	
Hydrologic Region	South Lahontan
WaterShed	9603 Owens

Legislative Information

Assembly District	25th Assembly District
Senate District	1st Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name Wastewater Treatment Plant Upgrades - Phase

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Quality Infrastructure- Improved wastewater treatment plant	0.01	Proposed project would improve the quality of existing treated wastewater percolation into the ground thereby improving groundwater recharge into the Mono Basin and ground waters downstream of project.

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	134400
Amount Requested	402995
Total Project Cost	537395

Geographic Information

Latitude DD(+/-)	37	MM 52	SS 23
Longitude DD(+/-)	-119	MM 5	SS 30

Longitude/Latitude Clarification		Location	45125 US Highway 395
County	Mono		
Ground Water Basin	Mono Valley		
Hydrologic Region	South Lahontan		
WaterShed	9601 Mono		

Legislative Information

Assembly District	25th Assembly District
Senate District	1st Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name Inyo/Mono Watersheds Invasive Weed Control P

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Eradication/Treatment of Invasive Species	32393	This project will employ an integrated pest control approach and best management practices to control invasive plant species for the benefit of our local population, recreationalists, those receiving water exports from Inyo and Mono counties, and the local native plant and wildlife communities.

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	134293
Amount Requested	305745
Total Project Cost	440038

Geographic Information

Latitude DD(+/-)	37	MM 16	SS 40
Longitude DD(+/-)	-118	MM 19	SS 5
Longitude/Latitude Clarification	Center of large projec	Location	Inyo and Mono Counties within
County	Inyo,Mono		
Ground Water Basin	Antelope Valley,Bridgeport Valley,Fish Lake Valley,Long Valley,Mono Valley,Ower Valley		
Hydrologic Region	North Lahontan,South Lahontan		
WaterShed	8630 - East Walker River; 8631 - West Walker Riv		

Legislative Information

Assembly District	25th Assembly District,34th Assembly District
Senate District	1st Senate District,18th Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name Lone Pine, Independence, and Laws Water Me

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	25200

Amount Requested	535500
Total Project Cost	560700
Geographic Information	
Latitude DD(+/-)	36 MM 48 SS 13
Longitude DD(+/-)	-118 MM 11 SS 56
Longitude/Latitude Clarification	Coordinates are for Ind Location 168 N. Edwards St. Ind
County	Inyo
Ground Water Basin	Owens Valley
Hydrologic Region	South Lahontan
WaterShed	9603 - Owens

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 25 (CA)

Project Information**Project Benefits Information**

Project Name

Water Meter Installation Project Final Phase

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Conservation-Water Demand/Conservation	27.30	Water conservation through our customer metering program will benefit all users and ratepayers by increasing available water supplies and encourage conservation through tiered pricing.

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	88965
Amount Requested	266620
Total Project Cost	355585

Geographic Information

Latitude DD(+/-)	37 MM 46 SS 42
Longitude DD(+/-)	-119 MM 4 SS 35
Longitude/Latitude Clarification	Location June Lake Village, Mon
County	Mono
Ground Water Basin	Mono Valley
Hydrologic Region	South Lahontan
WaterShed	9601 Mono

Legislative Information

Assembly District	25th Assembly District
Senate District	1st Senate District
US Congressional District	District 25 (CA)

Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles or types. Please note which projects, if any, directly address a critical water supply or water quality issue for a DAC or Native American Tribal communities.

The Inyo-Mono IRWMP Round 1 Project Implementation Proposal is a compilation of detailed information specific to 15 project proposals that aim to address pressing water issues within the Inyo-Mono Planning Region. Purpose and Need In the Inyo-Mono IRWM Plan, the Inyo-Mono RWMG identified three principal water issues in the planning region: (1) Water Quality; (2) Water Infrastructure; and (3) Institutional/human capacity. This implementation proposal addresses all three of these issues through the fifteen projects being submitted for funding. Furthermore, the fifteen projects speak to the six Objectives of the adopted IRWM Plan. Funding of this proposal will begin to address the need to focus on the primary issues in the region as described above. Several smaller water districts, including those in disadvantaged communities and Tribal communities, were not able to complete project proposals for Round 1 Implementation funding due to lack of human, financial, and/or technical resources. While the projects being submitted through this implementation proposal begin to fulfill the various water issues and needs in the region, the RWMG recognizes that there is much work to be done well into the future and that the IRWM process in the Inyo-Mono region will have benefits for many years to come. Project List Below is a list of (a) project title, (b) project proponent and (c) whether the project assists DACs and/or Native American Tribal communities. 1. (a) Safe Drinking Water and Fire Water Supply Feasibility Study for Tecopa, California, (b) Amargosa Conservancy, (c) Tribe ??? No; DAC-Yes 2. (a) Coleville High School Water Project, (b) Eastern Sierra Unified School District (c) Tribe ??? No; DAC-Yes-although not applying for DAC waiver status 3. (a) Round Valley Joint Elementary School water supply reliability enhancement, (b) Round Valley Unified School, (c) Tribe ??? No; DAC-Yes-all of Inyo County is designated as a DAC although proponent is not applying for DAC waiver status 4. (a) New Hilltop Well, (b) Wheeler Crest Community Services District, (c) Tribe ??? No; DAC-No 5. (a) Well Rehabilitation ??? Phase I, (b) Mammoth Community Water District, (c) Tribe ??? No; DAC-No 6. (a) Laws, Independence, and Lone Pine Pump Operation Redundancy and SCADA Improvements, (b) Inyo County Department of Public Works, (c) Tribe ??? No; DAC- Yes, applying for DAC waiver status 7. (a) CSA-2 Sewer System Upgrade Project, (b) Inyo County Department of Public Works, (c) Tribe ??? No; DAC- Yes, applying for DAC waiver status 8. (a) Secondary Water Tank ??? Birchim Community Services District, (b) Birchim Community Services District, (c) Tribe ??? No; DAC- No 9. (a) Brackish Water Resource Study, (b) Indian Wells Valley Water District, (c) Tribe ??? No; DAC- No 10. (a) Laws and Lone Pine Tank Project, (b) Inyo County Department of Public Works, (c) Tribe ??? No; DAC- No 11. (a) Water Meter Installation ??? Final Phase, (b) June Lake Public Utilities District, (c) Tribe ??? No; DAC- No 12. (a) Lone Pine, Independence, and Laws Water Meter Project, (b) Inyo County Department of Public Works, (c) Tribe ??? No; DAC- No 13. (a) Wastewater Treatment Plan Upgrades ??? Phase I, (b) June Lake Public Utilities District, (c) Tribe ??? No; DAC- No 14. (a) Inyo/Mono Watersheds Invasive Weed Control Project, (b) Inyo County/Inyo-Mono Agricultural Commissioner???s Office, (c) Tribe ??? Yes; DAC -Yes although project proponent is not applying for DAC waiver status 15. (a) Town of Mammoth Lakes Stormwater Master Plan Development and Implementation, (b) Town of Mammoth Lakes, (c) Tribe ??? No; DAC- No

Q2. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Valerie Klinefelter Central Sierra RC&D, Inc. 235 New York Ranch Rd Suite D Jackson, CA 95642 209-857-1851 vk95669@hotmail.com

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

W. Mark Drew, Ph.D. Inyo-Mono IRWMP Project Director California Trout PO Box 3442 Mammoth Lakes, CA 93546 office: 760-924-1008 email: mdrew@caltrout.org

Note that Mark Drew will continue to serve as the project director for the Inyo-Mono RWMG although California Trout will not be the fiscal agent for the Round 1 Implementation grant.

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

Central Sierra Resource Conservation and Development, Inc. 235 New York Ranch Rd Ste D Jackson, CA 95642

Q5. ADDITIONAL INFORMATION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

The Inyo-Mono IRWM planning region is wholly located within the North/South Lahontan Funding Region.

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

The Inyo-Mono IRWM planning region is wholly located within the Region 6 Lahontan Regional Water Quality Control Board.

Q7. ELIGIBILITY

Proposition 84 requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit G of this PSP. If your matching funds are less than 25%, please explain.

The overall budget match is 25%. Four of the fifteen projects being submitted for funding show less than 25% match. These four projects will directly benefit disadvantaged communities. The proposals for these four projects include a description of the specific benefits of the projects to DACs as well as letters of support from the appropriate parties (see Attachment 12). However, many of the project proponents are serving disadvantaged communities although they are not requesting DAC match waivers. Therefore, we are able to provide an overall match of 25%.

Q8. ELIGIBILITY

Does the application represent a single application from an IRWM Region approved in the RAP (see Section II.B, Table 1)? If yes, include the name of the IRWM Region. If not, explain.

The application is being submitted on behalf of the Inyo-Mono IRWM Region as approved in the 2009 Region Acceptance Process.

Q9. ELIGIBILITY

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

a) ☒ Yes

b) ☐ No

Q10. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q11 and Q12.

There are two urban water suppliers applying for funding in this grant application: 1. Mammoth Community Water District 2. Indian Wells Valley Water District

Q11. ELIGIBILITY

Have all of the urban water suppliers, listed in Q10 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q10, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

1. Mammoth Community Water District has submitted a complete 2005 UWMP to DWR and it has been verified as complete by DWR. Mammoth Community Water District intends to submit its 2010 UWMP by the July, 2011, deadline.
2. Indian Wells Valley Water District has submitted its 2005 UWMP to DWR, but it has not been verified as complete by DWR. DWR has asked for several clarifications. It is unknown when the 2005 UWMP may be verified as complete. In the meantime, Indian Wells Valley Water District is preparing an updated 2010 UWMP and is expecting to meet the July, 2011, deadline.

Q12. ELIGIBILITY

Have any urban water suppliers listed in Q10 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

- Neither urban water supplier listed in Q10 has submitted AB1420 compliance tables and supporting documentation to DWR within the past three months. Hardcopies of AB1420 and water meter self-certification documents with wet signatures are being provided to DWR from each urban water supplier.

Q13. ELIGIBILITY

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Project #5: Well Rehabilitation ??? Phase I Project Proponent: Mammoth Community Water District This project is a study to test the quality of groundwater at various depths within two Mammoth Community Water District wells. Although this project will not directly impact groundwater resources, the results from this study will benefit the District???s ability to effectively manage groundwater. The District has a Groundwater Management Plan that was prepared in 2005. This GWMP is provided on CD and in hardcopy. Project #7: CSA-2 Sewer System Upgrade Project Project Proponent: Inyo County Department of Public Works This project will have no direct positive or negative impacts on groundwater. Indirectly, it may improve the quality of surface water infiltrating into the aquifer. Project #9: Brackish Water Resources Study Project Proponent: Indian Wells Valley Water District This project is a feasibility study only and will not have any impacts to groundwater. The results of this study may lead to groundwater impacts. Indian Wells Valley Water District intends to have a groundwater management plan completed by the end of 2011. Project #11: Water Meter Installation ??? Final Phase Project Proponent: June Lake Public Utilities District This project will only increase surface water supply and will have no positive or negative impact on groundwater recharge. Increased surface water supplies may support recharge of groundwater resources. Project #12: Lone Pine, Independence, and Laws Water Meter Project Project Proponent: Inyo County Department of Public Works Properly installed and functioning water meters have been shown to reduce water use. In these three communities, more efficient use of water will result in less groundwater being removed from the aquifer. Thus, this project will have a positive impact on groundwater resources in these three communities. Project #13: Wastewater Treatment Plan Upgrades ??? Phase I Project Proponent: June Lake Public Utilities District Groundwater discharge for this project is subject to existing Board Order 6-93-19, Monitoring and Reporting to California Regional Water Quality Control Board, Lahontan Region. (Monitoring and Reporting program 93-19, WDID number 6B260101002, Dated March 11, 1993) Improving wastewater treatment through this project will improve water quality for both surface water and groundwater resources. Project #14: Inyo/Mono Watersheds Invasive Weed Control Project Project Proponent: Inyo County Many invasive plant species found in the region are able to tap into groundwater with long roots. Removing these plants will positively impact groundwater resources. Project #15: Town of Mammoth Lakes Stormwater Master Plan Development and Implementation Project Proponent: Town of Mammoth Lakes The Stormwater Master Plan should lead to improved standards that will increase groundwater recharge through the better use of infiltrator technology and expanded use locally in the community. The Town has implemented drywell requirements for many years in accordance with the Basin Plan and an MOU with Lahontan Regional Water Quality Board. Casual observations have shown that the benefits vary with location, condition, ownership, and maintenance. Through the use of silt and oily water separator technology there should be a reduction in contamination infiltrated to the groundwater. An evaluation of the existing drywells will be performed and new standards recommended in the Master Plan including maintenance and monitoring requirements. Unintended consequences of groundwater infiltration from existing dry well use are unknown.

Q14. ELIGIBILITY

For the agency(ies) listed in Q13, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section IIIB of the Grant Guidelines?

Mammoth Community Water District has a 2005 Groundwater Management Plan in place. There is a Long-Term Groundwater Management Plan for the Owens Valley and Inyo County from June, 1990. Indian Wells Valley Water District is in the process of developing a GWMP and expects that it will be completed by the end of 2011. The District is part of a Cooperative Groundwater Management Group that has a Cooperative Groundwater Management Plan. Neither June Lake PUD nor Mono County have a GWMP in place. The Town of Mammoth Lakes does not have a GWMP in place.

Q15. ELIGIBILITY

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain. If yes, please answer Question 16.

- The Inyo-Mono IRWM planning region does not receive any water supplied from the Sacramento-San Joaquin Delta. All of the watersheds in the Inyo-Mono region are located on the east side of the Sierra Nevada and isolated from the Sacramento-San Joaquin Delta water conveyance infrastructure.

Q16. ELIGIBILITY

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

The Inyo-Mono IRWM Plan does not directly help reduce dependence on the Sacramento-San Joaquin Delta water supply.

Q17. ELIGIBILITY

If an update to the plan takes place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

The update to the Inyo-Mono IRWM Plan will not impact the Sacramento-San Joaquin Delta for water supply. There is no direct link between water resources in the Inyo-Mono planning region and water supplies from the Delta.

Section : Application Attachments Tab**APPLICATION ATTACHMENTS TAB****A1. ATTACHMENT 1**

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#1_IG1_Eligible_1of5.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att#1_IG1_Eligible_2of5.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att#1_IG1_Eligible_3of5.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att#1_IG1_Eligible_5of5.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att#1_IG1_Eligible_4of5.pdf

A2. ATTACHMENT 2

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#2_IG1_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

A3. ATTACHMENT 3

Upload the Work Plan here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#3_IG1_WorkPlan_1of1.pdf

Upload additional work plan components here.

Upload additional work plan components here.

Upload additional work plan components here.

Upload additional work plan components here.

A4. ATTACHMENT 4

Upload the Budget here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#4_IG1_Budget_1of1.xlsx

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

A5. ATTACHMENT 5

Upload the Schedule here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#5_IG1_Schedule_1of1.xls

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

A6. ATTACHMENT 6

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#6_IG1_Measures_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

A7. ATTACHMENT 7

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#7_IG1_WSBen_1of4.xls

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Last Uploaded Attachments: Att#7_IG1_WSBen_2of4.xls

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Last Uploaded Attachments: Att#7_IG1_WSBen_3of4.xls

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Last Uploaded Attachments: Att#7_IG1_WSBen_4of4.xls

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

A8. ATTACHMENT 8

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#8_IG1_WQOtherBen_1of1.xls

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

A9. ATTACHMENT 9

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#9_IG1_DReduc_1of1.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

A10. ATTACHMENT 10

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#10_IG1_BSummary_1of1.xls

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

A11. ATTACHMENT 11

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#11_IG1_Preference_1of1.pdf

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

A12. ATTACHMENT 12

Upload Disadvantaged Community Assistance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#12_IG1_DAC_1of1.pdf

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

A13. ATTACHMENT 13

Upload AB 1420 and Water Meter Compliance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#13_IG1_Compliance_1of1.pdf

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

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Upload additional AB 1420 and Water Meter Compliance documentation here.

A14. ATTACHMENT 14

Upload Consent Form here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att#14_Consent_1of1.pdf

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

A15. ATTACHMENT 15

Upload IRWM Plan - Reduce Delta Water Dependence documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin). For the "AttachmentName" in the naming convention of BMS, use "Delta" for this attachment.

Last Uploaded Attachments: Att#15_IG1_Deltawater_1of1.pdf

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Last Uploaded Attachments: I-M IRWMP Projects Tab Addendum 010711.xlsx

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.